

Date: Mon, 31 Oct 94 04:30:31 PST
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: List
Subject: Ham-Space Digest V94 #307
To: Ham-Space

Ham-Space Digest Mon, 31 Oct 94 Volume 94 : Issue 307

Today's Topics:

 Contacting the MIR. Help!
 Getting Started on Satellites HELP! (2 msgs)
 Ham-Space Digest...Address to Subscribe?
 International Recommendations
 Satellite elements
 Satellite tracking software needed
 Tracking the MIR. Help!

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 30 Oct 1994 23:06:27
From: n7ryw@teleport.com (William Roth)
Subject: Contacting the MIR. Help!

In article <19940ct31.021040.1@ntuvax.ntu.ac.sg> asirene@ntuvax.ntu.ac.sg writes:

>From: asirene@ntuvax.ntu.ac.sg
>Subject: Contacting the MIR. Help!
>Date: 31 Oct 94 02:10:40 +0800

> Can anyone tell me the minimum requirement to work the MIR.
>I am using a 7/8 lambda Diamond F-22 vertical mounted on roof. Also
>using IC-22A on 145.550 MHz with 10watts output. Is this sufficient
>to work the MIR? The last pass we tried was about 440km nearest.

The antenna is the exact opposite of what you want. The F-22 (and all gain verticals) get their gain by concentrating the signal toward the horizon. The problem is that MIR is UP, not at the horizon! Don't feel alone, when I worked at HRO, this would happen with someone once a day at least.

Try an antenna called a "Crossed Dipole". I used one for years for MIR and Sarex. It points up toward the satellites. For a good description, look in the Satellite Experimenters Handbook for it.

Date: 29 Oct 1994 15:26:37 GMT
From: moritz@ipers1.e-technik.uni-stuttgart.de ()
Subject: Getting Started on Satellites HELP!

Here some advices, to get started quickly:

1) get a satellite tracking program from an FTP site, get the orb. data from the Newsgroup, and tune one of your scanners to 137.620 MHz or 137.750 (not sure on the 2nd one) for the NOAA satellites. Use an out door antenna though.

2) When you receive a good sig, get the program JVFAX, ver. 7, and a faxconverter. (there are some very simple designs around, also for the WX sats, the JVFAX manual might help).

3) Once it works, you might want to use a proper antenna (eg. turnstile) and a preamp...

Have fun, Moritz DL5UH

Date: Mon, 31 Oct 1994 01:27:06 +0000
From: zeus@myth.demon.co.uk (Mike Cowgill)
Subject: Getting Started on Satellites HELP!

In article <38s0vp\$cr8@desiree.teleport.com>
n7ryw@teleport.com "William Roth" writes:

> We could go on here for weeks, and only scratch the surface, so I'll refer
> you to a book, Satellite Experimenters Handbook. Available from good Ham stores
> and mail order.
>
> Weather satellites are an entirely different service. Try Weather Satellite
> Handbook,
> same sources.

Date: Sun, 30 Oct 1994 17:28:57 GMT
From: timothy@indy.net (Timothy Toroni)
Subject: Satellite elements

Is there someone out there that could post some satellite elements?

Date: 30 Oct 1994 12:38:55 -0800
From: gkennedy@helix.net (Geoff L. Kennedy)
Subject: Satellite tracking software needed

Hello All !!!

I am looking for an MS-DOS based satellite tracking program which will produce a tabular prediction *text file* output for "visible" passes.

There is one hitch.....the output, in addition to AOS/LOS times and Alt/Az info, *** MUST contain the ORBIT NUMBER for each pass. ***

I have tried STSPLUS and TRACKSAT, and neither of these give me that information in their "analytical" modes....

I need this information to assist me in cataloging of NOAA imagery I am now receiving. Right now I am entering this information manually (and it takes a fair chunk of time!), but I want to automate the process in the very near future.

Is there anything from, say, AMSAT which does this ?? If so, how can I get my grubby little hands on it ?? <GRIN>

Thanks in advance.

Geoff L. Kennedy
gkennedy@helix.net

Date: 30 Oct 1994 11:02:33 -0500
From: lisansky@strauss.udel.edu (Terry Lisansky)
Subject: Tracking the MIR. Help!

I use Traksat. Works great. When Traksat says it's supposed to be there, it is.

Terry

--

Terry Lisansky (lisansky@strauss.udel.edu)

Give me a fast ship.....

For I intend to go in harms way.

Date: Sun, 30 Oct 1994 20:30:17

From: billv@olympus.net (Bill Vaughn)

References<CyCoEC.3A3@freenet.carleton.ca> <38s0vp\$cr8@desiree.teleport.com>,
<783566826snz@myth.demon.co.uk>

Subject: Re: Getting Started on Satellites HELP!

In article <783566826snz@myth.demon.co.uk> zeus@myth.demon.co.uk (Mike Cowgill)
writes:

>From: zeus@myth.demon.co.uk (Mike Cowgill)

>Subject: Re: Getting Started on Satellites HELP!

>Date: Mon, 31 Oct 1994 01:27:06 +0000

You can can also ftp FAQSAT.TXT from the ARRL info site.They can be retrieved
from oak.oakland.edu pub/hamradio/arrl/infoserver

Or if you only have e-mail you can send mail to info@arrl.org, in the body of
the text it should contain only the file name then quit on a seperate line. In
this case; send faqsat.txt

quit

There you go, that should do you.

End of Ham-Space Digest V94 #307
